POTENTIOMETRIC SURFACE OF THE MAGOTHY AQUIFER
ON WESTERN LONG ISLAND, NEW YORK, IN MARCH-APRIL 2000

By

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Hydrology by Ronald Busciolano, 2000
Water-table and potentiometric-surface altitudes of the upper glacial, Magothy, and Lloyd aquifers on Long Island, New York in March-April 2000, with a summary of hydrogeologic conditions

EXPLANATION

OBSERVATION OR SUPPLY WELL—Thin circle indicates observation well; thick circle indicates public or industrial supply well. Upper number is well number assigned by the New York State Department of Environmental Conservation; lower number is potentiometric-surface altitude, in feet above or below (+) sea level. Water-level data were not collected in most of Nassau County because resources were unavailable.

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LINE OF EQUAL POTENTIOMETRIC SURFACE ALTITUDE—Shows altitude at which the water level would have stood in tightly cased wells. Solid where approximately known; dashed where inferred. Hachures indicate depression. Contour interval 10 feet.

INFERRED LIMIT OF THE MAGOTHY AQUIFER

SCALE=1:125,000

Base digitized from U.S. Geological Survey 1:24,000 quadrangles and New York State Department of Transportation 1:24,000 quadrangles; July 1990